37. (New) The gold code generator of claim 36 wherein the seed value for the other pairs of linear feedback shift registers is calculated from the first seed value.

38. (New) The gold code generator of claim 36 wherein the calculation of the seed value for the other pairs of linear feedback shift registers is done at least partially in a processor on the reconfigurable chip.

REMARKS

This amendment is presented in response to the Office Action dated **July 29th**, **2003** (hereafter, the Action). In the Action, the Examiner issued a restriction requirement, indicating that claims 1-6 and 12-22 (Group I) were patentably distinct from those of claims 7-11 (Group II). In response, Applicant respectfully disagrees.

Nonetheless, in an effort to expedite prosecution of this matter, and without adopting the characterization of the claims provided in the Action, Applicant elects Group I (1-6 and 12-22) for prosecution herein. Accordingly, with this response, Applicant has cancelled the claims of Group II (7-11) without prejudice.

In addition, Applicant has introduced new claims 23-37 as presented above. Support for the new claims 23-37 can be found in the original specification, claims and/or figures. In this regard, no new matter has been introduced.

Conclusion

For at least the foregoing reasons, Applicant respectfully submits that claims 1-6 and 12-37, as selectively amended, are in condition for allowance and such action is earnestly solicited.
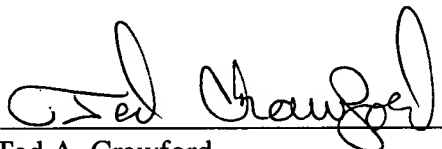
The Examiner is respectfully requested to contact the undersigned by telephone if it is believed that such contact would further the examination of the present application.

Please note that the attorney docket number has changed to P17000.

Please charge any shortages and credit any overcharges to our Deposit Account number 50-0221.

Respectfully submitted,
Daniel J. Pugh et al.

Date: ___8\13\03___   by: ___Ted A. Crawford___

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